Sheet 1 of 4FORM **PCT/US**
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

907-153-13

SERIAL NO.

09/942,388

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

R. Czerwiec et al

FILING DATE

Aug. 29, 2001

GROUP

(Use several sheets if necessary)

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BAN	5 1 8 1 1 0 6	01/19/93	Sutherland			
BAN	5 1 8 9 6 7 3	02/23/93	Burton et al			
BAN	5 1 9 1 4 5 6	03/02/93	Sutherland et al			
BAN	5 2 8 3 6 7 8	02/01/94	Czerwiec			
BAN	5 3 0 1 0 5 0	04/05/94	Czerwiec et al			
BAN	5 3 0 3 2 2 9	04/12/94	Withers et al			
BAN	5 4 4 6 7 2 6	08/29/95	Rostoker et al			
BAN	5 4 9 5 4 8 3	02/27/96	Grube et al			
BAN	5 5 1 2 9 3 6	04/30/96	Burton et al			
BAN	5 5 1 9 7 3 1	05/21/96	Cioffi			
BAN	5 5 2 1 9 0 6	05/28/96	Grube et al			

RECEIVED
NOV 29 2001
Technology Center 2600

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BAN	2 2 9 1 3 1 6	01/17/96	GB				
BAN	9 7 1 1 5 3	03/27/97	WO				
BAN	9 5 2 1 4 8 8	08/10/95	WO				
BAN	2 9 6 0 7 3 ⁵⁷	06/20/96	DE				
BAN	9 9 0 3 2 2 1	01/21/99	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

BAN	"Asymmetric Digital Subscriber Line: Interim Technology for the
BAN	Next Forty Years", Kim Maxwell, IEEE Communications Magazine,
	October 1996, pages 100-106

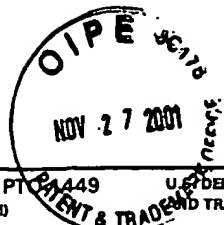
EXAMINER

Q. B. M. h. BAN

DATE CONSIDERED

07/06/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PT 449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 907-153-13	SERIAL NO. 09/942,388
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT R. Czerwiec et al	
(Use several sheets if necessary)		FILING DATE Aug. 29, 2001	GROUP
(37 CFR 1.98(b))			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BQN	5 5 3 3 0 0 8	07/02/96	Grube et al			
BQN	5 5 3 4 9 1 2	07/09/96	Kostreski			
BQN	5 5 3 9 7 7 7	07/23/96	Grube et al			
BQN	5 5 5 7 6 1 2	09/17/96	Bingham			
BQN	5 5 7 2 3 4 7	11/05/96	Burton et al			
BQN	5 5 7 6 8 7 4	11/19/96	Czerwiec et al			
BQN	5 5 8 1 4 7 9	12/03/96	McLaughlin et al			
BQN	5 5 9 4 4 9 1	01/14/97	Hodge et al			
BQN	5 5 9 4 5 7 6	01/14/97	Sutherland et al			
BQN	5 5 9 6 6 0 4	01/21/97	Cioffi et al			
BQN	5 6 0 4 6 8 2	02/18/97	McLaughlin et al			

RECEIVED
NOV 29 2001
Technology Center 2600

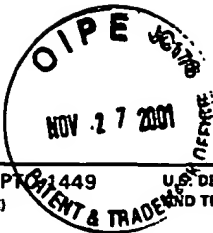
FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BQN	9 7 3 7 4 5 8	10/09/97	WO				
BQN	0 8 3 1 6 2 4	03/25/98	EPO				
BQN	9 8 2 0 7 0 2	05/14/98	WO				
BQN	9 8 3 6 5 4 1	08/20/98	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

EXAMINER <i>BQN</i>	DATE CONSIDERED 07/06/05
------------------------	-----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449
(Modified) U.S. DEPARTMENT OF COMMERCE PATENT
AND TRADEMARK OFFICE

ATTY. DOCKET NO.

907-153-13

SERIAL NO.

09/942,388

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

R. Czerwiec et al

FILING DATE

Aug. 29, 2001

GROUP

(Use several sheets if necessary)

(37.CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BAN	5606577	02/25/97	Grube et al			
BAN	5608725	03/04/97	Grube et al			
BAN	5612742	03/18/97	Krause et al			
BAN	5613190	03/18/97	Hylton			
BAN	5619505	04/08/97	Grube et al			
BAN	5623513	04/22/97	Chow et al			
BAN	5623543	04/22/97	Cook			
BAN	5625651	04/29/97	Cioffi			
BAN	5627501	05/06/97	Biran et al			
BAN	5627863	05/06/97	Aslanis et al			
BAN	5636139	06/03/97	McLaughlin et al			

RECEIVED
NOV 29 2001
Technology Center 2606

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

EXAMINER

S. B. B. BAN

DATE CONSIDERED

07/06/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-144 (Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT & TRADEMARK OFFICE

ATTY. DOCKET NO.

907-153-13

SERIAL NO.

09/942,388

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

R. Czerwiec et al

FILING DATE

Aug. 29, 2001

GROUP

(Use several sheets if necessary)

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BAN	5 6 3 6 2 2 4	06/03/97	Voith et al			
BAN	5 6 6 8 8 5 7	09/16/97	McHale			
BAN	5 6 8 7 0 1 4	11/11/97	Czerwiec et al			
BAN	5 7 5 6 2 8 0	05/26/98	Soora et al			
BAN	5 7 9 0 5 4 8	08/04/98	Sistanizadeh et al			
BAN	5 8 1 2 7 8 6	09/22/98	Seazholtz et al			
BAN	5 8 1 8 5 1 1	10/06/98	Farry et al			
BAN	5 8 5 2 6 5 5	12/22/98	McHale et al			
BAN	5 9 0 5 7 8 1	05/18/99	McHale et al			
BAN	5 9 1 0 9 7 0	06/08/99	Lu			
BAN	5 9 2 6 4 7 2	07/20/99	Byers			

RECEIVED
NOV 29 2001
Technology Center 2600

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

EXAMINER

QBmkh BAN

DATE CONSIDERED

07/06/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.